



Subject card

Subject name and code	Logistics Management, PG_00037712						
Field of study	Management						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			English		
Semester of study	6	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Joanna Czerska					
	Teachers	dr inż. Joanna Czerska					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM		
	Number of study hours	30	6.0	39.0	75		
Subject objectives	The aim of the training is to equip the student with basic knowledge of the internal and external supply chain management mechanisms and the ability to determine the critical path and the ability to optimize processes within the company in the field of Logistics.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U12] analyses, evaluates and selects various managerial solutions in decision-making processes, taking into account pro-quality and pro-environmental aspects	Uses theoretical knowledge to logistics resource management			[SU1] Assessment of task fulfilment		
	[K6_U06] predicts phenomena and processes in the organization, taking into account social aspects	Forecasts logistics processes in enterprise			[SU1] Assessment of task fulfilment		
	[K6_W02] has a basic knowledge about the structure of economic organisations, about relations between economic entities and other social institutions	The student has a basic knowledge of logistics, can share it in a working team			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_W03] has a basic knowledge of relations both within the organisation and between the organisation and its environment on a national and international scale	Has a basic knowledge about relations in supply chains			[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		

Subject contents	<p>Theoretical and practical issues:1. Introduction to logistics management2. Key costs and indicators in logistics management3. "Supply chain management. Simulation game.4. Push vs pull system"5. Determinants of flow in the supply chain: Speed, flexibility, variability, frequency Inventory managementpart 1 Inventory management methods: DTO, MTO, ATO, MTS6. Inventory management part 2. Determining inventory levels Supply chain planning.Challenges and opportunities in the supply chain (work to be done by the team in one area):1. Customer Service S&OP2. Scheduling MPS3. Scheduling Production4. Flow Control5. Distribution6. Sourcing7. Procurement8. Transportation (all types)9. Logistics of remanufacturing.</p>														
Prerequisites and co-requisites															
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="453 528 794 562">Subject passing criteria</th> <th data-bbox="794 528 1139 562">Passing threshold</th> <th data-bbox="1139 528 1489 562">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="453 566 794 595">Team project</td> <td data-bbox="794 566 1139 595">60.0%</td> <td data-bbox="1139 566 1489 595">30.0%</td> </tr> <tr> <td data-bbox="453 600 794 629">Exam</td> <td data-bbox="794 600 1139 629">60.0%</td> <td data-bbox="1139 600 1489 629">20.0%</td> </tr> <tr> <td data-bbox="453 633 794 663">Practical and theoretical Quizzes</td> <td data-bbox="794 633 1139 663">60.0%</td> <td data-bbox="1139 633 1489 663">50.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Team project	60.0%	30.0%	Exam	60.0%	20.0%	Practical and theoretical Quizzes	60.0%	50.0%
Subject passing criteria	Passing threshold	Percentage of the final grade													
Team project	60.0%	30.0%													
Exam	60.0%	20.0%													
Practical and theoretical Quizzes	60.0%	50.0%													
Recommended reading	<table border="1"> <tbody> <tr> <td data-bbox="453 674 794 954">Basic literature</td> <td colspan="2" data-bbox="794 674 1489 954"> <p>Duggan K.J., Creating mixed model value streams, second edition, Productivity Press 2012</p> <p>Kanban Just-in Time at Toyota: Management Begins at the Workplace, Japan Management Association, 1986</p> </td> </tr> <tr> <td data-bbox="453 958 794 1417">Supplementary literature</td> <td colspan="2" data-bbox="794 958 1489 1417"> <p>Coyle J.J., Bardi E.J., Langley C.J.jr.: The Management of Business Logistic. A supply Chain Perspective. 7th ed. Mason; Thomas Learning, 2003.</p> <p>Christopher M., Logistics and Supply Chain Management: Strategies for Reducing Costs and Improving Services, Pitman / Financial Times Publ. 1998.</p> <p>A. Weele, F. Rozemeijer Procurement and Supply Chain Management, Cengage Learning EMEA, 2022</p> <p>T.F Wallace,, Sales and Operations Planning The How-To Handbook, Steelwedge Software, 2008</p> </td> </tr> <tr> <td data-bbox="453 1422 794 1529">eResources addresses</td> <td colspan="2" data-bbox="794 1422 1489 1529"> <p>Adresy na platformie eNauczenie:</p> <p>Logistics management summer 2024_BIM6_Joanna Czerska - Moodle ID: 37811</p> <p>https://enauczenie.pg.edu.pl/moodle/course/view.php?id=37811</p> </td> </tr> </tbody> </table>			Basic literature	<p>Duggan K.J., Creating mixed model value streams, second edition, Productivity Press 2012</p> <p>Kanban Just-in Time at Toyota: Management Begins at the Workplace, Japan Management Association, 1986</p>		Supplementary literature	<p>Coyle J.J., Bardi E.J., Langley C.J.jr.: The Management of Business Logistic. A supply Chain Perspective. 7th ed. Mason; Thomas Learning, 2003.</p> <p>Christopher M., Logistics and Supply Chain Management: Strategies for Reducing Costs and Improving Services, Pitman / Financial Times Publ. 1998.</p> <p>A. Weele, F. Rozemeijer Procurement and Supply Chain Management, Cengage Learning EMEA, 2022</p> <p>T.F Wallace,, Sales and Operations Planning The How-To Handbook, Steelwedge Software, 2008</p>		eResources addresses	<p>Adresy na platformie eNauczenie:</p> <p>Logistics management summer 2024_BIM6_Joanna Czerska - Moodle ID: 37811</p> <p>https://enauczenie.pg.edu.pl/moodle/course/view.php?id=37811</p>				
Basic literature	<p>Duggan K.J., Creating mixed model value streams, second edition, Productivity Press 2012</p> <p>Kanban Just-in Time at Toyota: Management Begins at the Workplace, Japan Management Association, 1986</p>														
Supplementary literature	<p>Coyle J.J., Bardi E.J., Langley C.J.jr.: The Management of Business Logistic. A supply Chain Perspective. 7th ed. Mason; Thomas Learning, 2003.</p> <p>Christopher M., Logistics and Supply Chain Management: Strategies for Reducing Costs and Improving Services, Pitman / Financial Times Publ. 1998.</p> <p>A. Weele, F. Rozemeijer Procurement and Supply Chain Management, Cengage Learning EMEA, 2022</p> <p>T.F Wallace,, Sales and Operations Planning The How-To Handbook, Steelwedge Software, 2008</p>														
eResources addresses	<p>Adresy na platformie eNauczenie:</p> <p>Logistics management summer 2024_BIM6_Joanna Czerska - Moodle ID: 37811</p> <p>https://enauczenie.pg.edu.pl/moodle/course/view.php?id=37811</p>														
Example issues/ example questions/ tasks being completed	<p>Logistic decision problems</p> <p>Integration of the logistic chains</p> <p>Logistics services</p>														
Work placement	Not applicable														